

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	((Shell with (needle near bearing)) and (steel with sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 16:29
S2	1	("4523362").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 16:32
S3	3	("4523362").URPN.	USPAT	OR	OFF	2009/01/29 16:33
S4	3	("4887918").URPN.	USPAT	OR	OFF	2009/01/29 16:34
S5	11	("1159645"   "1817891"   "1817892"   "3849868"   "4522514"   "4887918"   "5297509"   "5385413").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 16:34
S6	8920	(needle near bearing)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 16:56
S7	0	((needle near bearing) same (steel with carbon with mass))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 16:59
S8	8	((needle with bearing) same (steel with carbon with mass))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 16:59

S9	133	((needle with bearing) same (steel with carbon))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:04
S10	7025	((steel with sheet) and (phosphate or (spheroidize near annealed)))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:47
S11	1977	((steel near sheet) with (phosphate or (spheroidize near annealed)))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:48
S12	2	((steel near sheet) with (spheroidize near annealed))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:48
S13	5	((steel near sheet) same (spheroidize near annealed))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:50

S14	5	((steel with sheet) same (spheroidize near annealed))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:51
S15	0	((steel with sheet) same (phosphate same spheroidize))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:55
S16	0	((steel with sheet) and (phosphate same spheroidize))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:55
S17	1	((steel with sheet) and (phosphate and spheroidize))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:56
S18	7017	((steel with sheet) and phosphate)	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:59

S19	3049	((steel with sheet) same phosphate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:59
S20	2096	((steel with sheet) with phosphate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:59
S21	1976	((steel near sheet) with phosphate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 17:59
S22	629	((steel near sheet) with phosphate)	EPO; JPO	OR	OFF	2009/01/29 18:00
S23	1	((steel near sheet) with phosphate) same bearing)	EPO; JPO	OR	OFF	2009/01/29 18:01
S24	1	((steel near sheet) with phosphate) and bearing)	EPO; JPO	OR	OFF	2009/01/29 18:01
S25	1	((steel near sheet) with phosphate) and bearing)	EPO; JPO	OR	ON	2009/01/29 18:02
S26	0	((sheet with metal) with phosphate) and bearing)	EPO; JPO	OR	ON	2009/01/29 18:02
S27	2	((sheet with metal) with phosphate) and bearing)	EPO; JPO	OR	ON	2009/01/29 18:02
S28	2	((sheet with metal) same phosphate) and bearing)	EPO; JPO	OR	ON	2009/01/29 18:02

S29	2	((sheet same metal) same phosphate) and bearing)	EPO; JPO	OR	ON	2009/01/29 18:03
S30	2	((sheet same metal) and phosphate) and bearing)	EPO; JPO	OR	ON	2009/01/29 18:03
S31	367	((sheet same metal) and phosphate)	EPO; JPO	OR	ON	2009/01/29 18:03
S32	1	((sheet same metal) and (spheroidizing near rate))	FPRS; EPO; JPO	OR	ON	2009/01/29 18:19
S33	1	((sheet same metal) and (spheroidizing near rate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 18:20
S34	2	((sheet same metal) and (spheroidiz\$5 near rate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 18:20
S35	119	(spheroidiz\$5 near rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 18:22
S36	1	("6276831").PNL	USPAT	OR	OFF	2009/01/30 11:57

S37	146	((spheroidiz\$5 with annealing) same rate)	US-PCPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 14:31
S38	0	((spheroidiz\$5 with annealing) same (spheroidiz % near rate))	US-PCPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 14:33
S39	0	((spheroidiz\$5 with annealing) same (spheroidiz % with rate))	US-PCPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 14:33
S40	90	((spheroidiz\$5 with annealing) same (spheroidiz \$5 with rate))	US-PCPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 14:33
S41	13	((spheroidiz\$5 with annealing) same (spheroidiz \$5 near rate))	US-PCPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 14:35

S42	17	((spheroidiz\$5 near rate) same annealing)	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 14:44
S43	0	("52-127417").PN.	EPO	OR	OFF	2009/02/01 15:10
S44	0	("52127417").PN.	JPO	OR	OFF	2009/02/01 15:10
S45	0	("52-127417").PN.	JPO	OR	OFF	2009/02/01 15:10
S46	0	("52127417").PN.	JPO	OR	OFF	2009/02/01 15:11
S47	0	("520127417").PN.	JPO	OR	OFF	2009/02/01 15:11
S48	966	C21D001/06.ipc.	JPO	OR	OFF	2009/02/01 15:16
S49	27	C21D001/06.ipc. and (induction near hardening)	JPO	OR	ON	2009/02/01 15:17
S50	836	C21D009/40.ipc.	JPO	OR	OFF	2009/02/01 15:20
S51	0	("52127417").PN.	JPO	OR	OFF	2009/02/01 15:22
S52	0	(f16c033/64.ipc.).CCLS.	JPO	OR	OFF	2009/02/01 15:24
S53	0	(f16c033/64.ipc.).CCLS.	JPO	OR	OFF	2009/02/01 15:28
S54	966	C21D001/06.ipc.	JPO	OR	ON	2009/02/01 15:29

S55	0	(metal with (induction near hardening) same (tempering with vickers))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 15:44
S56	0	"19771026".ptpd.	FPRS; EPO	OR	ON	2009/02/01 15:48
S57	0	"19771026".ptpd.	JPO	OR	ON	2009/02/01 15:49
S58	0	"19771026".ptpn.	JPO	OR	ON	2009/02/01 15:49
S59	0	"19911026".ptpn.	JPO	OR	ON	2009/02/01 15:50
S60	0	"19911226".ptpd.	JPO	OR	ON	2009/02/01 15:50
S61	0	"19911226".PTPD.	JPO	OR	ON	2009/02/01 15:51
S62	0	((inner near surface) and (induction near hardening))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 15:55
S63	570	((inner near surface) and (induction near hardening))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 15:55



S64	0	((inner near surface) and (induction near hardening) and (tempering with hardenes))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 15:56
S65	570	((inner near surface) and (induction near hardening))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 15:56
S66	603	((induction near hardening) and tempering)	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 16:05
S67	321	((induction near hardening) and (tempering same hardness))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 16:06
S68	1	("5456538").PN.	USPAT	OR	OFF	2009/02/01 17:31
S69	0	("(phosphatewithsteelwithsheet)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/01 23:04

S70	2347	((phosphate with steel with sheet)	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 23:05
S71	83	((phosphate with steel with sheet)and bearing)	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 23:05
S72	0	((needle with bearing) same (compressor with piston) with (anti near lock))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 23:29
S73	134	((needle with bearing) same (compressor with piston))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 23:30
S74	2	S73 and (anti near lock)	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 23:30

S75	543367	S73 and a brake	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 23:31
S76	10	S73 and brake	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 23:31
S77	82	((needle with bearing) same (air near compressor))	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 23:38
S78	3	((("5642988") or ("4977696") or ("5578878")). PN.	USPAT	OR	OFF	2009/02/03 12:02

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